

Title (en)
Prefabricated construction elements and construction assembled thereof

Title (de)
Fertigteile für Bauwerke und Bauwerk hiervon

Title (fr)
Éléments de construction préfabriqués et construction réalisée avec ceux-ci

Publication
EP 0860109 A3 19990120 (DE)

Application
EP 98890048 A 19980219

Priority
AT 28397 A 19970220

Abstract (en)
[origin: EP0860109A2] A prefabricated component for the erection of a structure comprises a concrete plate (1) with at least two slits at the longitudinal sides. The plate has a taper from the outer side towards the interior, apart from the limit side walls (1c,1f) of the separate slits (1a,1b). There may be a connecting block which has at least one longitudinal recess, with a width matching the thickness of the concrete plates. The limit walls, at the narrow sides of the recess, are chamfered to match the line of the inner side walls of the slits. The plate has a length up to 200 cm, with a height:length ratio of 7.5-80.0% and preferably 25-50%. The plate's length can be 50 cm, 75 cm, 100 cm or 150 cm. The plate's height is between 15 and 40 cm, and its width between 3 and 5 cm. The plate with a length of 100 cm is taken as the basic unit. Also claimed are the concrete plate and connecting block themselves, and the structure made from them.

IPC 1-7
A01G 1/08; **E04H 17/14**; **C05F 17/02**; **E04H 7/28**

IPC 8 full level
A01G 9/28 (2018.01); **C05F 17/02** (2006.01); **E04H 7/28** (2006.01)

CPC (source: EP)
A01G 9/28 (2018.02); **C05F 17/907** (2020.01); **C05F 17/964** (2020.01); **E04H 7/28** (2013.01); **Y02P 20/145** (2015.11); **Y02W 30/40** (2015.05)

Citation (search report)
• [A] GB 2270934 A 19940330 - ROWLINSON TIMBER LTD [GB]
• [A] EP 0075551 A1 19830330 - SCHMARANZ RUDOLF [AT], et al
• [A] EP 0039448 A2 19811111 - SF VOLLVERBUNDSTEIN [DE]
• [A] FR 2575201 A1 19860627 - BARGE ROLAND [FR]
• [A] WO 7900567 A1 19790823 - HANSEN B

Cited by
AT17624U1; EP3360409A1; EP2976938A1; WO2010007414A3

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0860109 A2 19980826; **EP 0860109 A3 19990120**

DOCDB simple family (application)
EP 98890048 A 19980219